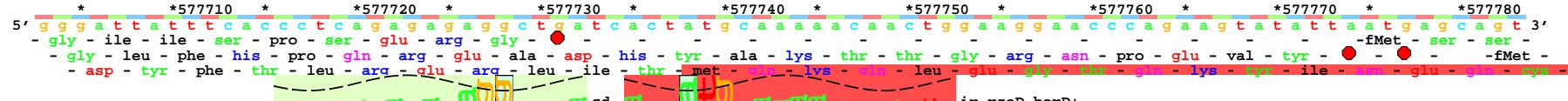


- 1 -

piece 1, NC_000913, rzoD_borD+, config: linear, direction: +, begin: 577703, end: 577842



1

p35 3.8 bit

{-----} sd-(10)-ir 577738 Gap 2.7 bits

|-----| sd-ir 577738 rzoD_borD+ total 9.9 bits

p10 2 8 bits

```
{ } p35-(24)-p10 577735 Gap 2.4 bits  
p35-p10 577735 total 4.1 bits
```

The figure shows a protein sequence alignment across multiple organisms. The top row displays the sequence positions 5' and 3' ends. The bottom row shows the amino acid sequence with codons 18 highlighted in red. A red arrow points to the start of codon 18, which is preceded by a stop codon. The sequence is as follows:

```

  *      *577790   *      *577800   *      *577810   *      *577820   *      *577830   *      *577840
5' g c a g a t a g a g c t g a c c a t t c g a t g g g c a a c t c a t g c a a t t a t t t g a g c a a t a c a c 3'
  - ala - asp - arg - ala - asp - his - ile - asp - gly - gin - leu - met - gln - leu - phe - - - - -
  - gln - ile - glu - leu - thr - ile - ser - met - gly - asn - ser - cys - asn - tyr - phe - glu - gln - tyr - thr -
  - arg - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - fMet - ser - asn - thr - his -
[###] orf 18 codons

```

A red circle marks the first nucleotide of codon 18. A red arrow points to the start of codon 18, which is preceded by a stop codon.